Air Ionizer Verification Record

Ionizer Verification Sequence Number: 08-049

WORKING STANDARD USED						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Calibration Date:	Calibration Due:	Calibration By:
25746	ION	775	7626	6-18-07	6-18-08	JPL

AIR IONIZER INFORMATION						
Asset/ISO #:	Manufacturer:	Model:	Serial No.	Verification Date:	Verification Due:	Verification By:
28671	SIMCO	Aerostat XC	2612743	4-21-08	10-11-08	JPL 35
Inspector:	Location:	Owner:	Fail: Y/N ?	Cleaned: Y/N ?	Adjusted: Y/N ?	Prior Sequence#
Minh DO	300/226E WS	Rich R.	N	N	N	N/A

VERIFICATION DATA

HBM Sensitivity Level: 50 V (from Table 1)

Fan controller setting: Low (High, Low, NA)

Distance of ionizer from the charge plate: 36"

Ionizer Float Potential Tolerance ± 50 Vdc. (from Table 1)

Measured Float Potential values recorded below.

1	2	3	4	5	Comments:
0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	0 Vdc.	

Ionizer Discharge Voltage Range: ± 1000 Vdc to < ± 50 Vdc (from Table 1)

Ionizer Discharge Time Tolerance: <20 seconds. (from Table 1)

Measured Discharge Time in second(s) and recorded values below.

1 (+1000 to +Vdc)	2 (+1000 to +Vdc)	3 (+1000 to +Vdc)	4 (+1000 to +Vdc)	5 (+1000 to +Vdc)	Comments:
8.7 sec	9.3 sec	8.4 sec	7.8 sec	8.4 sec	Plastic block presented.
1 (-1000 to -Vdc)	2 (-1000 to -Vdc)	3 (-1000 to -Vdc)	4 (-1000 to -Vdc)	5 (-1000 to -Vdc)	Comments:
9.6 sec	9.4 sec	9.1 sec	9.2 sec	9.6 sec	" "

Record any corrective action required to restored ionizer operation (cleaning, adjustment, replacement, etc.)

If Ionizer was replaced, indicate below the identification of replacement.

Asset/ISO #: _____ Manufacturer: _____ Model: _____ Serial No.: _____

Sequence number for verification of replacement Ionizer: _____

Record inspection schedule and rational for that schedule.